

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
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L6	1637	8/158.ccls. or 8/159.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/12/11 13:02

L7	4604	8/158.ccls. or 8/159.ccls. or 68/12.02.ccls. or 68/12.06.ccls. or 68/12.14.ccls. or 68/19.ccls. or 68/23r.ccls. or "68" "23".3.ccls. or 68/23.1.ccls. or 68/24.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/12/11 13:04
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L9	118	l7 and brak\$4 and (separate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/12/11 13:11
L10	4	l7 and brak\$4 and (separate with drum with (laundry or load closes or articles))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/12/11 14:04
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L12	28045	l11 and kim.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/12/11 14:05
L13	57	l12 and dewatering	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/12/11 14:05
L14	7	l13 and dewatering.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/12/11 14:07

L15	5	l11 and drum.clm. and dewatering.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/12/11 14:08
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L5	80	("2147420" "2503438" "2572265" "2604771" "2671331" "2838954" "3049025" "3068966" "3327507" "3369663" "3635318" "4411664" "4513464" "4631771" "4765161" "4843671" "4991247" "5171435" "5301523" "5325677" "5507054" "5647232" "5829277" "5913952" "5937467" "6220063").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/12/11 12:58
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L7	4604	8/158.ccls. or 8/159.ccls. or 68/12.02.ccls. or 68/12.06.ccls. or 68/12.14.ccls. or 68/19.ccls. or 68/23r.ccls. or "68" "23".3.ccls. or 68/23.1.ccls. or 68/24.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/12/11 13:04
L8	6	I7 and brak\$4 and (after with dewatering)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/12/11 13:11
L9	118	I7 and brak\$4 and (separate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/12/11 13:11
L10	4	I7 and brak\$4 and (separate with drum with (laundry or load closes or articles))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/12/11 13:12

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L9: Entry 1 of 1

File: DWPI

May 7, 2001

DERWENT-ACC-NO: 2001-577491

DERWENT-WEEK: 200165

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TITLE: Braking control method of washing machine

INVENTOR: LEE, C U; LEE, J H ; RA, I H ; YOON, S C

PATENT-ASSIGNEE:

ASSIGNEE

CODE

LG ELECTRONICS INC

GLDS

PRIORITY-DATA: 1999KR-0044379 (October 13, 1999)

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PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<input type="checkbox"/> <u>KR 2001037081 A</u>	May 7, 2001		001	D06F033/02

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
KR2001037081A	October 13, 1999	<u>1999KR-0044379</u>	

INT-CL (IPC): D06 F 33/02

ABSTRACTED-PUB-NO: KR2001037081A

BASIC-ABSTRACT:

NOVELTY - A braking control method detects an unbalanced condition to compare with the set standard value and switches from a normal braking mode to a sudden braking mode according to the comparison result if an unbalanced phenomenon of a washing tank shaking due to the unbalanced placement of laundry in the washing tank or the other external factor on braking after the completion of dewatering to prevent or minimize excessive noise generated on braking by continuous normal braking mode and damage mechanical or of circuit in a system.

DETAILED DESCRIPTION - A braking control method comprises a step to executes normal braking by a normal braking mode after the completion of dewatering in a washing machine(301, 302), a step to detect the unbalanced condition of a washing tank generated in the normal braking(303), a step to determine whether the detected unbalanced condition exceeds set allowed range of unbalanced condition(304) and a step to return to the step(302) if the detected unbalanced condition is within the allowed unbalanced condition range and to switch the braking mode from the normal

braking mode to a sudden braking mode to execute braking if the detected unbalanced condition exceeds the allowed unbalanced condition range(305).

CHOSEN-DRAWING: Dwg.1/10

TITLE-TERMS: BRAKE CONTROL METHOD WASHING MACHINE

DERWENT-CLASS: X27

EPI-CODES: X27-D01A;

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